

Docket: PHD 99,200
Application: 09/868,386

In the Abstract:

Please amend the abstract of the application as follows:

A method for the operation of wireless base stations for packet transfer radio systems having guaranteed service quality. ~~A novel~~ The method includes ~~of~~ increasing the supply ranges of packet oriented transferring radio stations, which are located outside the range of the central base stations and are supplied by wireless base stations (relay stations). In contrast to conventional wireless transfer systems, a communications service quality is guaranteed. ~~The invention uses a~~ A common time interconnected capacity assignment method is used. ~~Said~~ The capacity assignment is generated for a an base-station access point (AP) by mobile and forward terminals stations (MT, FMT) which can be reached directly. Individual MTs are present in the form of wireless base stations and serve as relay stations (FMTs) for the MTs outside the range of an AP. For an AP, FMTs appear as MTs. The FMT forms a partial frame structure in a part of the AP distribution capacity transfer system, which is embedded in the time frame structure dictated by the commanding central station. Adherence to a required service quality guarantee is achieved by capacity assignment algorithms. ~~Wireless, packet-oriented wireless networks.~~